

**Proposed Navy Mitigation Project**  
**USS BRIDGE**  
**October 22, 1999 Oil Spill**

Presented to: Washington State  
Department of Ecology  
Resource Damage Assessment Committee

Presented by: Navy Region Northwest  
Naval On-Scene Coordinator

## **SPARTINA REMOVAL PROJECT**

### **1) Location of Project:**

Naval Ordnance Center, Seal Beach, Detachment Port Hadlock is located on Indian Island, near Port Hadlock, WA. The Navy facility encompasses the entire island and is used as an off-load point for Navy ordnance.

### **2) Brief Description of Project:**

Crew of the USS BRIDGE will remove the weed known as Spartina from 8 acres of Spartina-occupied marshland on Indian Island near Boggy Spit. The USS BRIDGE will determine the exact number of crewmembers to use based on their operational needs. It is anticipated, however, that the project will be completed in two days, using a crew of 30 to 40 people, four days with a lesser crew. The project entails the use of hand labor to remove the plant's root ball. Naval Ordnance Center, Seal Beach, Detachment Port Hadlock will assist in the logistics and the proper disposal of the plant material removed from the marshlands.

### **3) Describe briefly how this project will benefit resources potentially effected by oil spills:**

The eradication of Spartina has already long been recognized by the Washington State Departments of Ecology and Natural Resources as an important effort. Spartina is a very invasive, non-indigenous, weed that is choking marshlands and critical habitat.

### **4) Define the goals and measurable objectives of this project. How will success be measured?:**

After the crew is finished, the area will be inspected by a representative of the Naval Ordnance Center, Seal Beach, Detachment Port Hadlock and / or Navy Region Northwest to insure that all visible Spartina clumps in the project area have been removed.

### **5) What is the estimated duration of this project?**

Two to four days.

### **6) What is the estimated cost of this project?**

Costs include: labor, transportation, logistics, administration, and equipment. Exact costs have not been calculated; however, the Naval Ordnance Center, Seal Beach, Detachment Port Hadlock has estimated out of pocket costs at \$250 to \$300 per acre.

7) **For projects involving habitat restoration/acquisition:**

a) What is the approximate acreage of the area to be restored?  
8 acres.

b) What is the current ownership of the area to be restored?  
U.S. Navy; Naval Ordnance Center, Seal Beach, Detachment Port Hadlock.

c) Please attach a map(s) showing the location where the restoration project will take place. See, attached.



PROTECT  
AREA  
BOGGY SPIT

WALAN  
POINT

PORT TOWNSEND  
BAY

KILISUT  
HARBOR

LEGEND

- NPL Sites
- Wetland
- H H Heron Rookery
- Eelgrass Beds
- Archaeological Sites
- Eagle Nest Mngmt. Area
- Potential Eagle Nest Zone
- Eagle Roost-Feeding Zone
- Surf Smelt Spawning Grounds
- Commercial Clam & Oyster Beaches
- Pigeon Guillemot Nesting Colony
- Pacific Herring (Critical Habitat Winter & Spring)

CRANE  
POINT

TO HADLOCK

